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November 1, 2010

Mr. Kyrik Rombough
Natural Resources Engineering Director
South Dakota Department of Natural Resources
523 East Capitol
Pierre, South Dakota 57501-3182

**Subject: Revised Addendum 2 Modeling Files and Modeling Report for
the Proposed HEC Facility**

Dear Mr. Rombough,

Please find the enclosed CD with the revised air dispersion modeling files and modeling report for the proposed Hyperion Energy Center (HEC). The modeling has been revised to include an in-stack NO₂/NO_x ratio of 0.32 for the diesel engine exhaust. An in-stack ratio of 0.21 was incorrectly used in the September 2010 analysis. The revised modeling also includes an additional meteorological dataset as requested by the Department. The additional dataset was developed using the on-site Union County data augmented with data from Sioux City, Iowa. As documented herein, the revised modeling demonstrates compliance with the SO₂ and NO₂ 1-hr National Ambient Air Quality Standards.

Please call me at (919) 845-1422 x41 if you have any questions or require additional information.

Sincerely,

David Keen
RTP Environmental